

At page 1, after the title, please delete the first two paragraphs (appearing at lines 3-16 of page 1) and substitute therefor the following:

A/ SUB  
B/

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### CROSS REFERENCE TO RELATED APPLICATIONS

The present application is a continuation of U.S. Appl. No. \_\_\_\_\_ (Atty. Docket No. 0623.0730001/EKS/BJD), filed on December 21, 2001, which is the U.S. National Phase of International Application No. PCT/GB00/02459, filed internationally on June 23, 2000, which was published in the English language under PCT Article 21(2) as WO 01/00855 on January 4, 2001, which claims the benefit of U.S. Provisional Application No. 60/147,819, filed August 10, 1999, and which claims priority to GB Application No. 9914733.2, filed June 23, 1999, the disclosures of all of which are incorporated herein by reference in their entireties.

### BACKGROUND OF THE INVENTION

#### Field of the Invention

The present invention relates to the production of peptides in the milk of transgenic mammals, for example non-human placental mammals.

#### Related Art

Polymers of amino acids concatenated via their amino and carboxyl groups form the basis for a variety of important biological compounds. Polymers of 3 to 100 amino acids are generally known as peptides, whilst larger polymers are known as proteins. This distinction is purely arbitrary, and polymers of up to about 110 amino acids can still be considered as "peptides". Thus, the term "peptide" as used herein refers to amino acid polymers of 3 to 110 amino acids. Peptides as

A1  
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defined herein may be biologically active without requiring any further modification, or may form the building blocks for larger complex molecules by chemical modification into larger structures or by modification such as glycosylation. The term "peptide" is used herein to include biologically active and inactive polymers, which may or may not have undergone further modification.

In the specification at page 6, prior to the first line of the paragraph appearing at lines 20-25, please insert the following header for this paragraph:

A2  
BRIEF SUMMARY OF THE INVENTION

In the specification at page 8, prior to the first line of the paragraph appearing at lines 4-19, please insert the following header for this paragraph:

A3  
DETAILED DESCRIPTION OF THE INVENTION

In the specification at page 22, please delete the final two lines (appearing at lines 29-30) and substitute therefor the following:

A4  
BRIEF DESCRIPTION OF THE DRAWINGS

The invention will now be illustrated by the following Examples, with reference to the figures, in which:

In the specification at page 25, prior to the first line of the header appearing at lines 5-7, please insert the following header for this section:

EXAMPLES